

BARANOV, Ye.G.; TANGAYEV, I.A.; YAKOVLEVA, N.A.

Study of the process of the displacement of ores and  
rocks in blasting under conditions of complex deposits.  
Isv. AN Kir. SSR. Ser. i tekhn. nauk 5 no.1:7-23 '63.  
(MIRA 16 :11)

BARANOV, Ye.G., kand. tekhn. nauk; TANCAYEV, I.A., kand. tekhn. nauk

Influence of boring and blasting techniques on ore depletion  
and losses. Vzryv. delo no. 57/14:190-197 '65.

(MIR. 18:11)

I. Institut gornogo dela AN Kirgizskoy SSR.

S/137/62/000/006/004/163  
A006/A101

AUTHOR: Tangermann, Ingrid

TITLE: On the wetting ability in oxide and carbide systems

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 9, abstract 6A52  
("Neue Hütte", 1961, v. 6, no. 12, 767 - 771, German; Russian,  
English and French summaries)

TEXT: The author evaluated experimentally the wetting ability of  $\text{Al}_2\text{O}_3$  and  
of Ti and Mo carbides with metals (Cr, Mn, Fe, Cu, Co, Ni, Sn, Pb, Zn), ferro-  
chromium, ferromanganese and Cr, Fe, Ni, V, Cr, W and Mn oxides. The estimation  
was made from measurements of the wetting angle formed by the drop of the sub-  
stance investigated and the backing after solidification. It was found that the  
majority of metals wetted poorly the  $\text{Al}_2\text{O}_3$  backing, but wetted satisfactorily  
the carbide backings.  $\text{Al}_2\text{O}_3$  backings were well wetted by all the oxides. The  
wetting ability of  $\text{Al}_2\text{O}_3$  backings with metals is in a direct dependence of their  
affinity with  $\text{O}_2$ , evaluated by value  $\Delta F^\circ$  of the corresponding oxide formation.  
The good wetting ability of carbide backings with metals and of  $\text{Al}_2\text{O}_3$  backings

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On the wetting ability in oxide and carbide systems

S/137/62/000/006/004/163  
A006/A101

with metal oxides is explained by the similar nature of bond in each of these cases: the prevalence of the metallic bond in the case of metal and carbide backings, and of the ionic bond in the case of oxides and  $\text{Al}_2\text{O}_3$  backings; and, consequently, by the possibility of formation of chemical compounds and solid solutions. The addition of 10% Ti to the metal raises considerably the wetting ability of  $\text{Al}_2\text{O}_3$  backings. Sintering ability of  $\text{Al}_2\text{O}_3$  is improved by the addition of 0.5 - 2.0%  $\text{Fe}_2\text{O}_3$ ,  $\text{NiO}$ ,  $\text{CdO}$ ,  $\text{ZrO}$  or  $\text{Cr}_2\text{O}_3$ . The data obtained can be used for the manufacture of various types of ceramic and cermet. See EI ChM, 1962, no. 14, abstract 49.

S. Khokhlov

[Abstracter's note: Complete translation]

✓

Card 2/2

~~TANGIBERDIYeva, Z.I.; VARVAROV, V.M.; KORABLEV, A.P.~~, obshchii red.

[Art industries of the R.S.F.S.R.; a reference manual] Khudo-zhestvennye promysly RSFSR; spravochnik. Moskva, Vses.koop. izd-vo, 1959. 119 p. (MIRA 13:4)

l. Moscow. Nauchno-issledovatel'skiy institut khudozhestvennoy promyshlennosti.

(Art industries)

TANGIYAN, M.Z.

SIMIGIN, P.A., kand. tekhn. nauk; TANGIYAN, M.Z., mladshiy nauchnyy sotrudnik.

New dyes. Tekst. prom. 17 no.8:32-34 Ag '57.

(Dyes and dyeing--Chemistry)

(MLRA 20:9)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6

Manufacture of stabilized transistors and tubes  
D.A. Gossman, L.A. Tandy, A.J. Foster, and A.M. Fuchs

5

1000

1000  
MT

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6"

L 01806-67 EWT(m)/T DJ

ACC NR: AP6030589 (AN) SOURCE CODE: UR/0413/66/000/016/0073/0073

44

INVENTOR: Ismailov, R. G. A. O.; Mamedov, M. A. A. O.; Spektor, Sh. Sh.; Seidov, M. M. M. O.; Vartapetov, A. A.; Shchelkonogov, I. A.; Kyazimov, A. A. O.; Aliyev, A. A. G. O.; Tangiveva, T. A.; Kesel'man, L. G.; Lobanov, V. V.; Chikunov, V. A.; Blidchenko, I. F.; Tarumov, G. A.; Bombardirov, P. P.; Merkur'yev, G. D.; Petrov, S. A.

ORG: none

TITLE: Lubricating oil for bushings // Class 23, No. 184997

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966,  
73

TOPIC TAGS: lubricant, bushing, petroleum

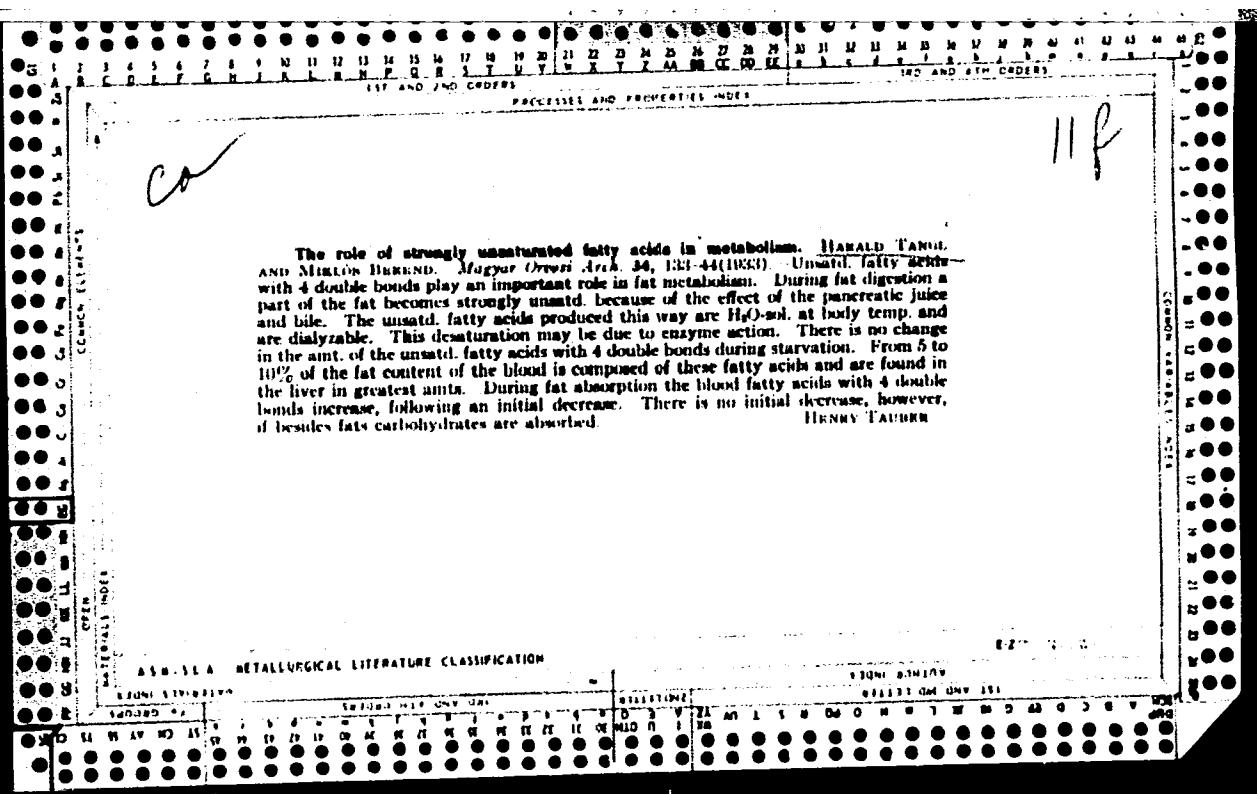
ABSTRACT: An Author Certificate has been issued describing a lubricant for bushings, with a solar fraction and mazut base. To expand the operating temperature range of the oil, a petroleum fraction with a boil-away of 4-5% at 240-320C is added to the lubricant. This fraction is obtained from the petroleum distillate at 300-310C. [Translation]

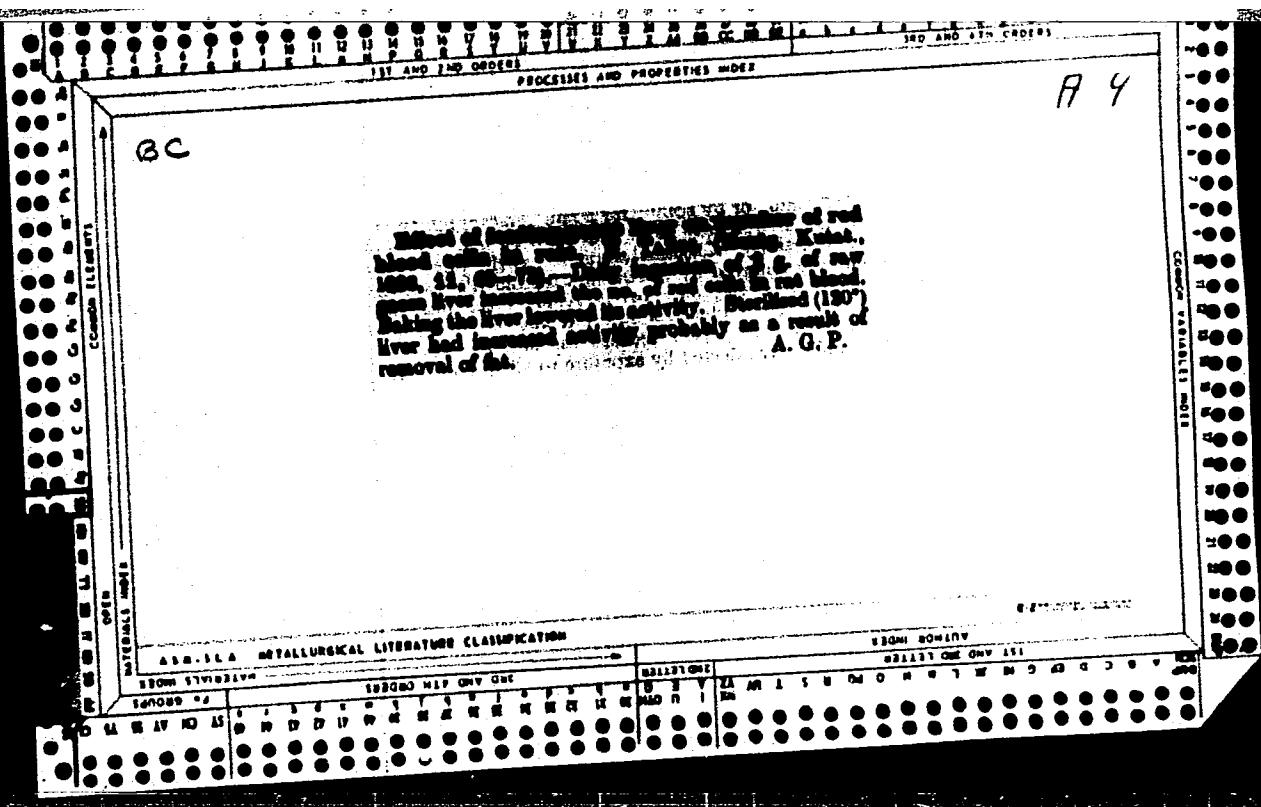
[NT]

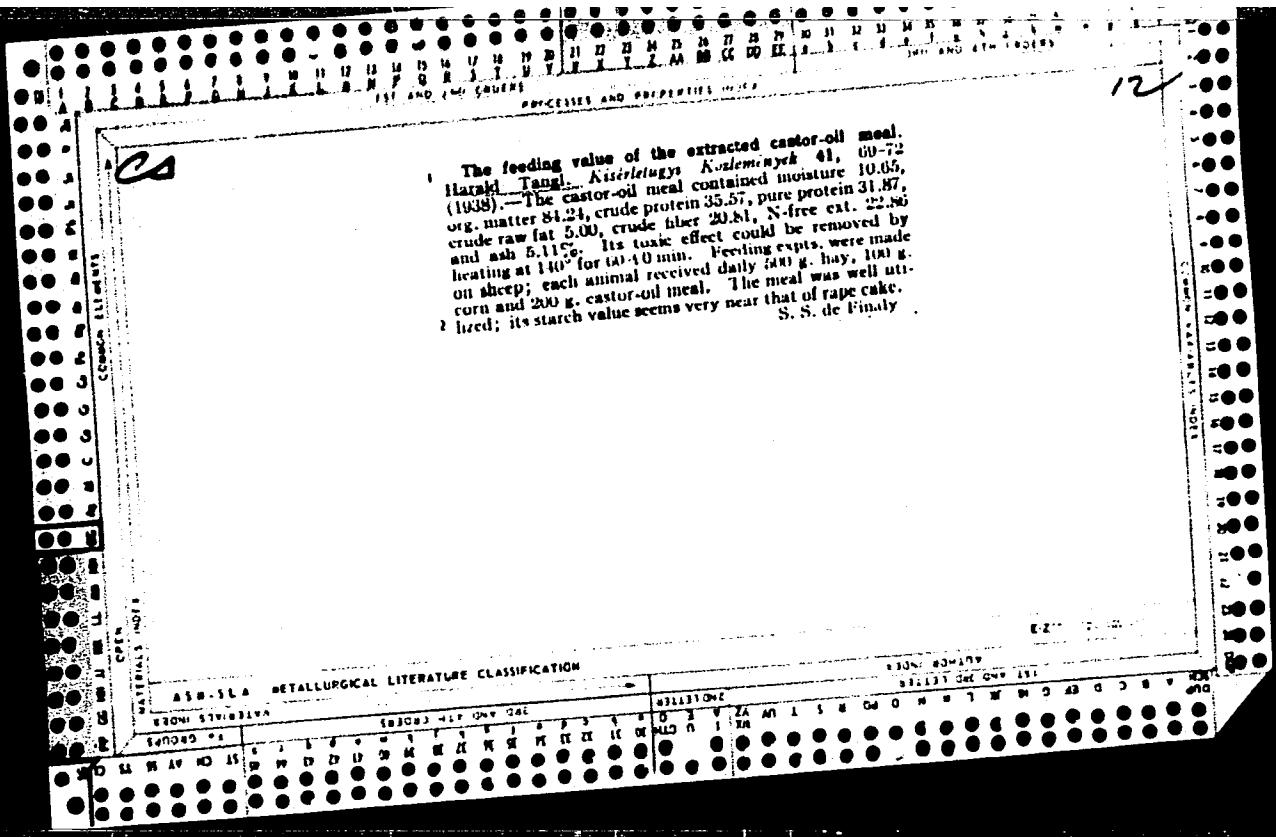
SUB CODE: 11/ SUBM DATE: 05Nov64/

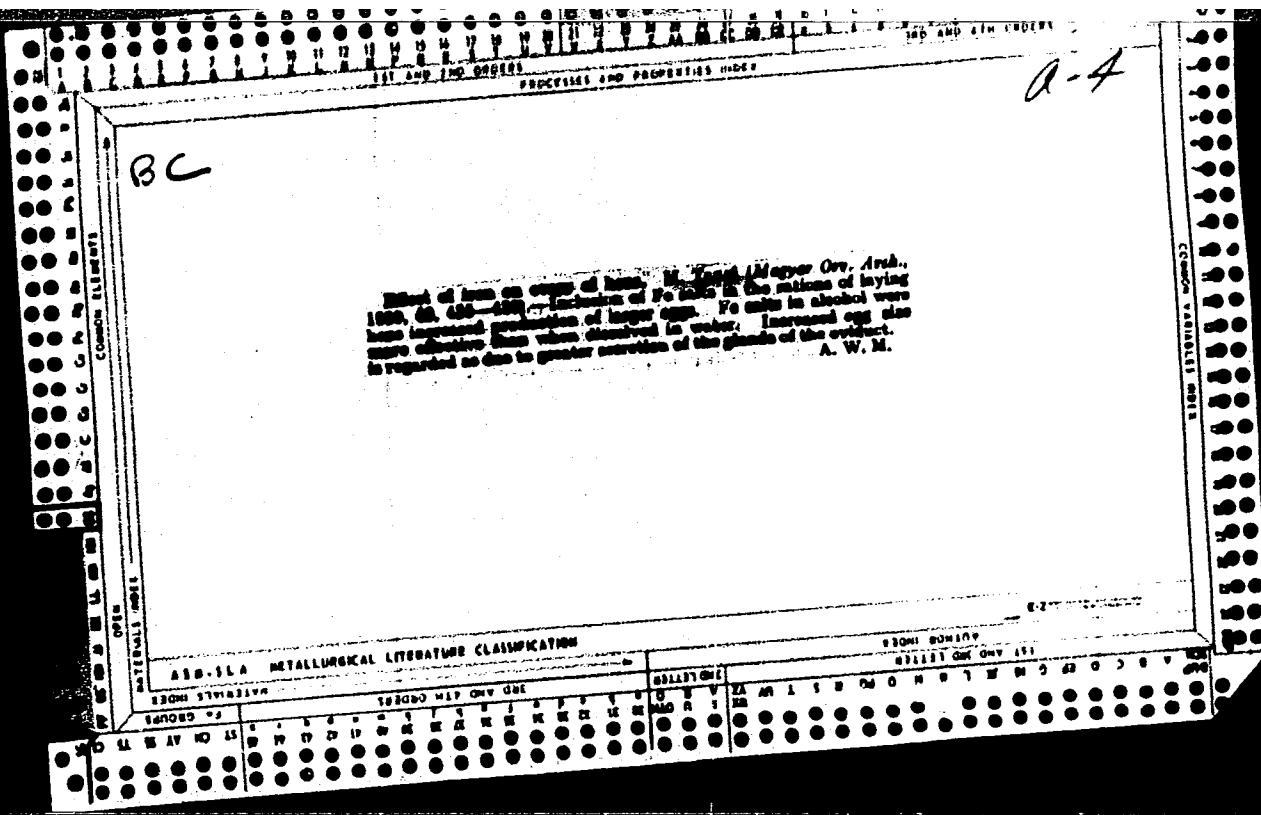
UDC: 629.11.012.26

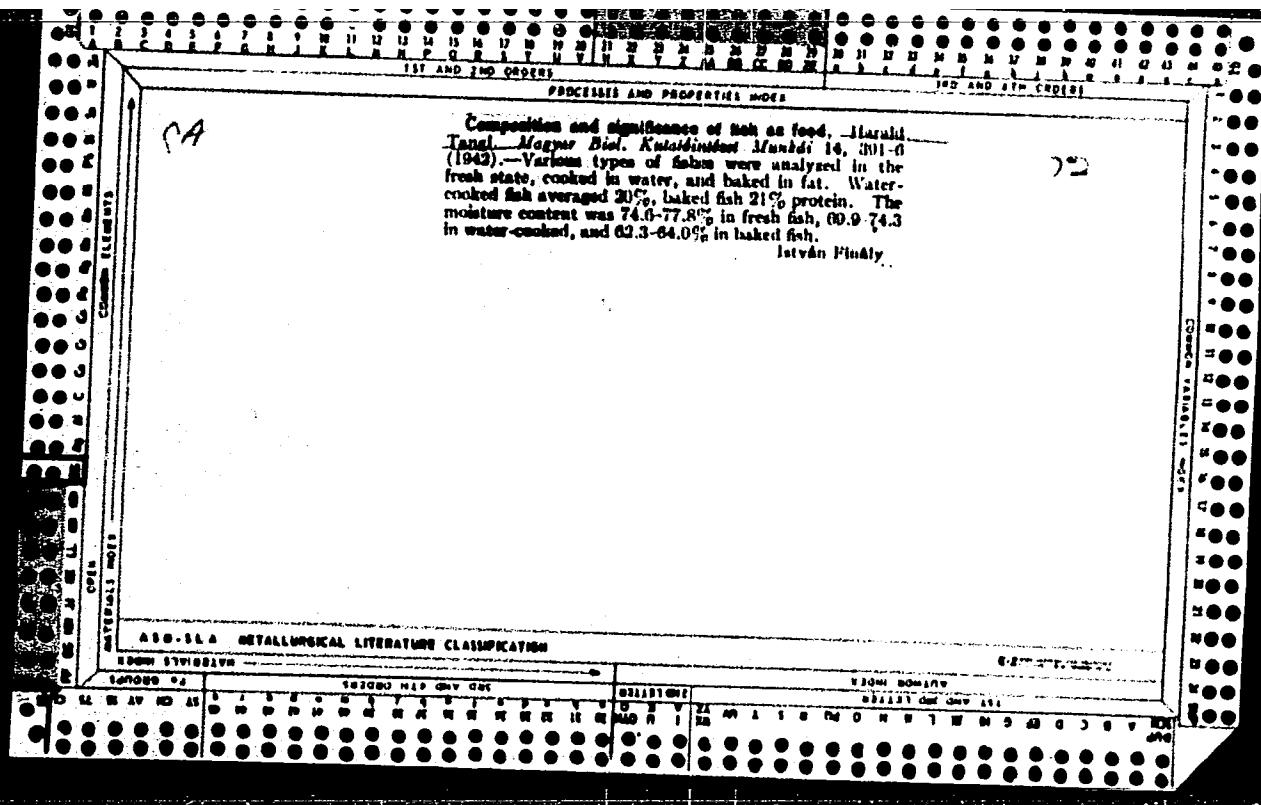
Card 1/1

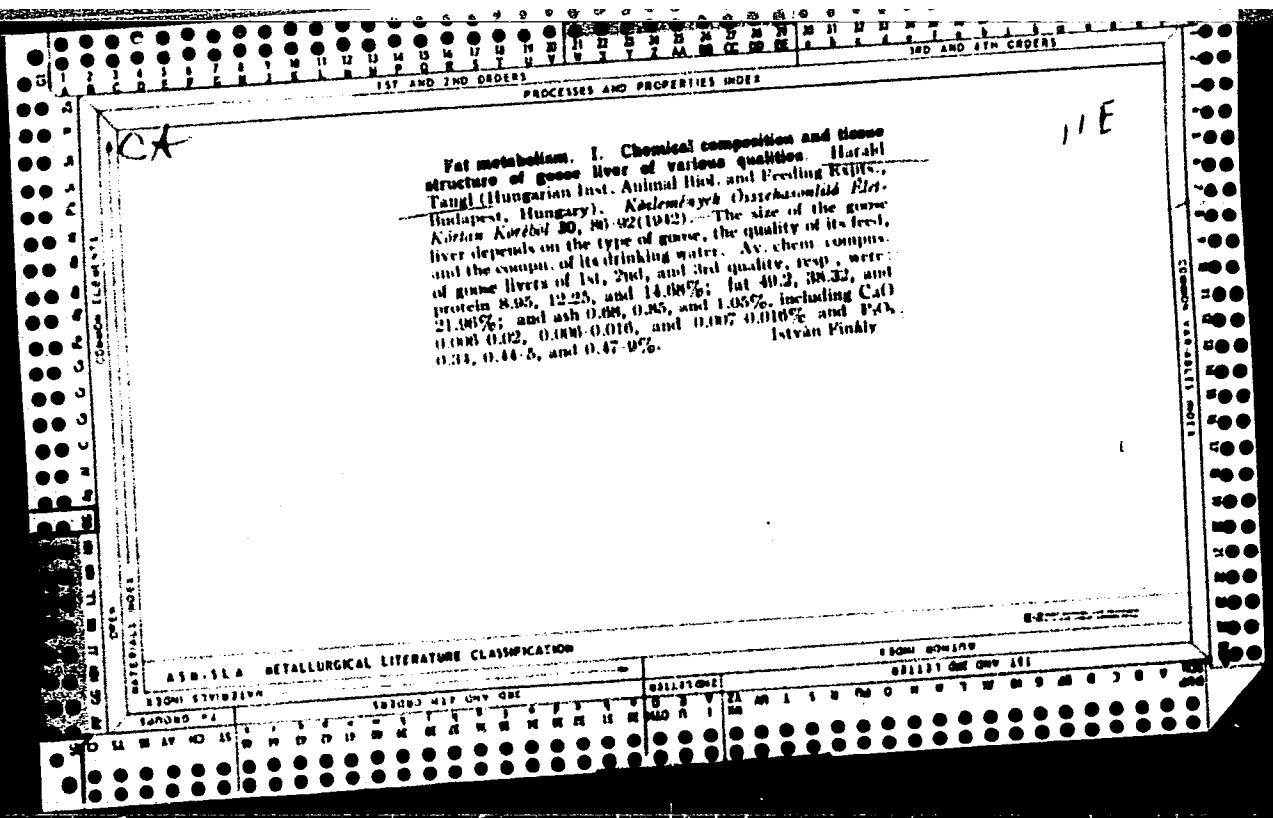


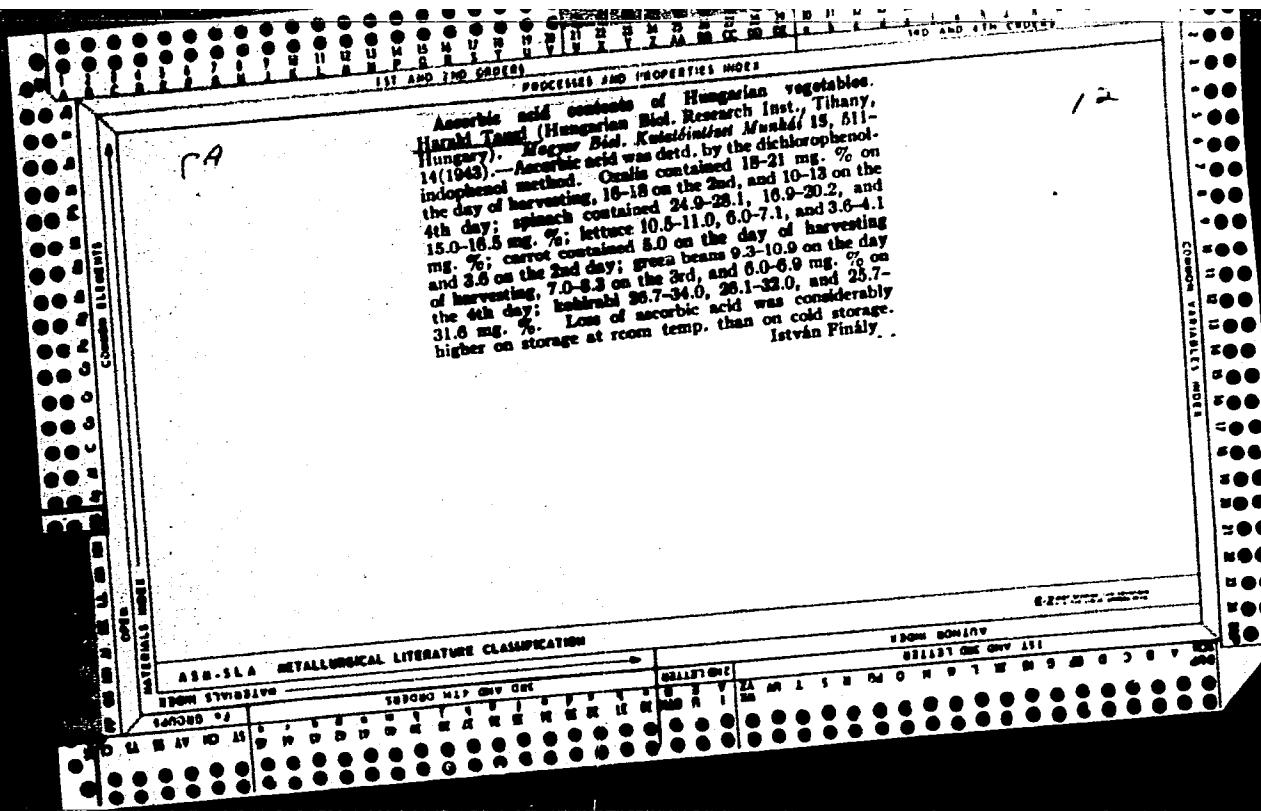


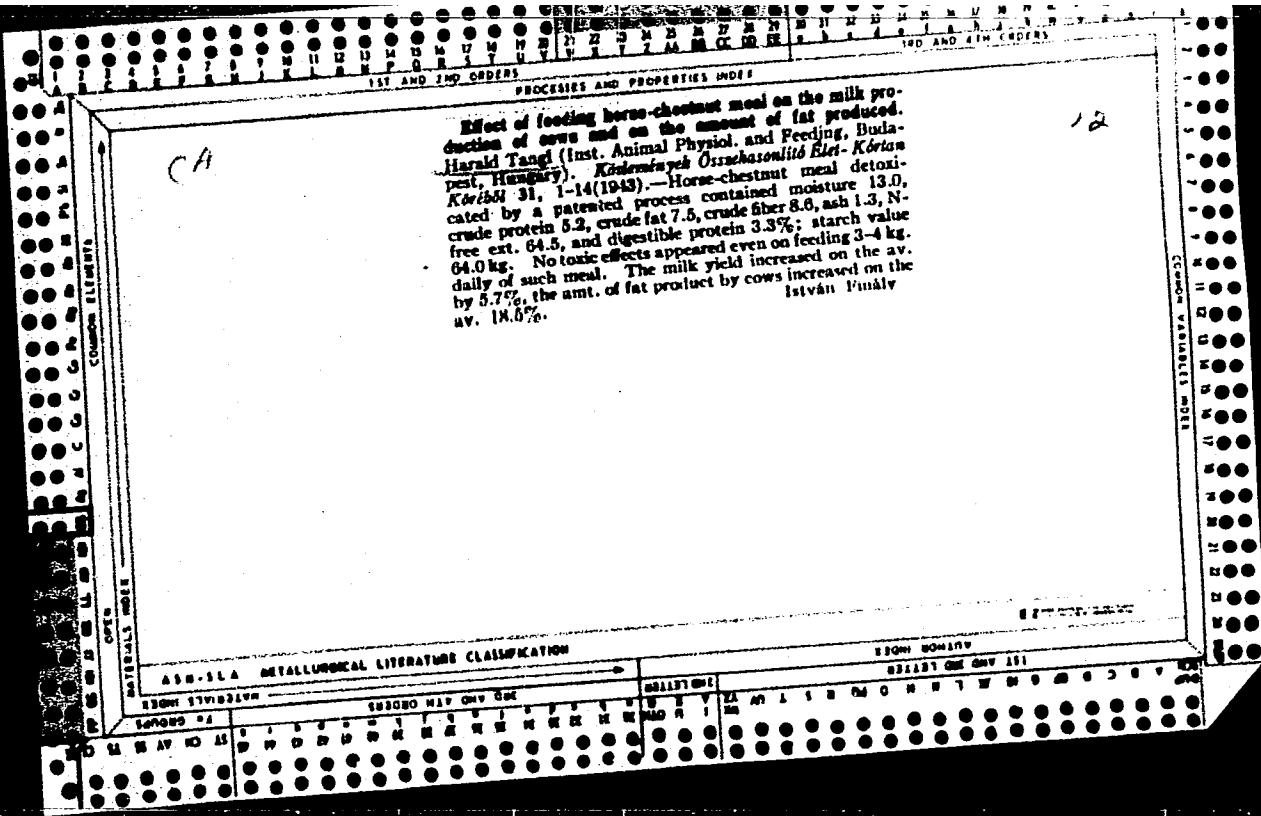


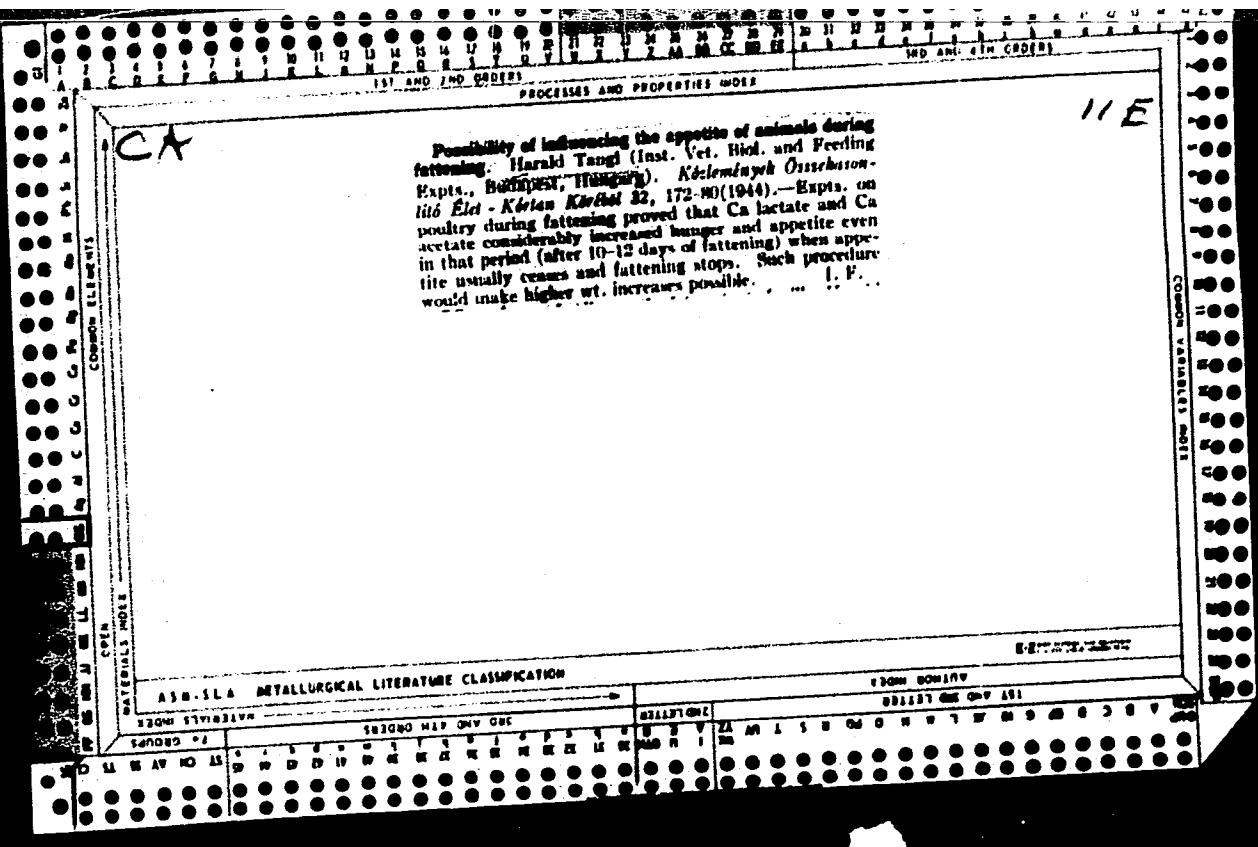


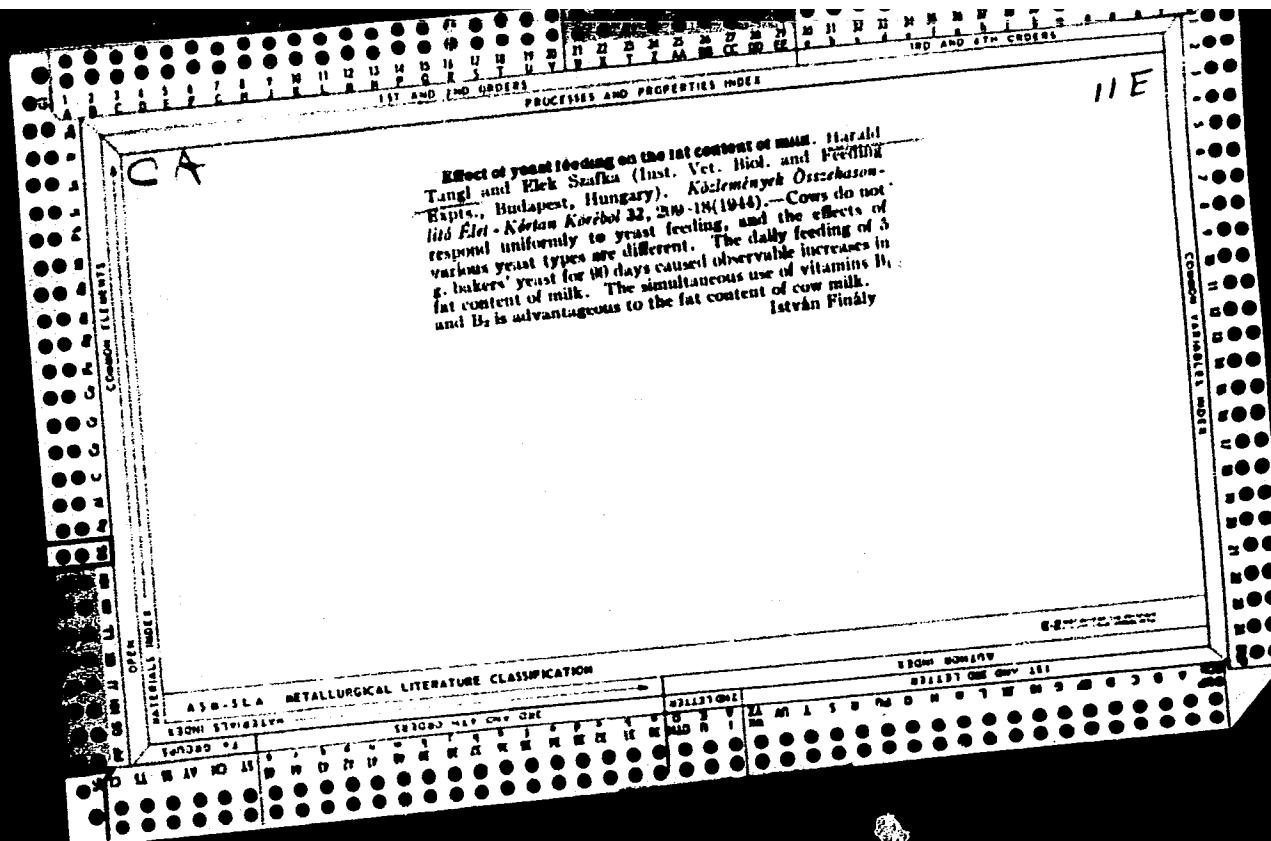












TANGL, H. 1948

(Ungarische Versuchstation fur Tierphysiologie und Futterungslehre, Budapest)

"Effect of Yeast in the Fodder on the Fat Content of Milk."

Ziet fur Vitamin-, Hormone und Fermentforschung. 1948, 1/6(453-465)  
Abst: Exc. Med. 11, Vol. 11, No. 7, p. 925

115

CA

Experiments in the manufacture of a new type of powdered alfalfa with a high biological value. Gyula Tangi (Research Inst. Animal Biol. Feeding, Budapest). Agricul-tural Day 1, 456-60 (1940).—Disintegrated alfalfa is processed by the Rossmann-Harrack grinding machine to remove fibers and the juice is pressed from the fiber residue and added to the alfalfa pulp. The product contained 12-13% dry matter. When dehydrating at a low temp. about 6.6 kg. powd. alfalfa was obtained from 100 kg. green alfalfa. The product contained water 7.2, raw protein 41.5, raw fiber 8.3, raw fat 0.7, N-free ext. 23.0, and ash 15.2%; the starch value was 84-88 kg., and the carotene content 260 mg./kg. A 2nd-grade product contg. water 8.6, raw protein 24.4, raw fiber 10.7, raw fat 5.0, N-free ext. 38.2, and ash 13.1% and carotene 150 mg./kg. was also obtained. The quality of the product is improved when freshly cut alfalfa is immediately processed. István Finlay

/IE

CA

**The effect of fat content in feed on the development of the animal organism.** Hegedű, Táncs, Viktor Kurec, and László Kálai (Research Inst. Animal Breeding, Budapest), Acta Endocrinol. 2, 345-74 (1950). —  
 The effect of feeding various amounts of crude fat on the growth and protein metabolism of albino rats weighing less than 50 g. Three groups of albino rats weighing less than 50 g. were fed 160 days with feeds containing identical quantities of protein and starch. The fat contents of the feeds were 2% for group (1), 7.4% for group (2) and 14.0% for group (3). The average wt. increase in the groups was 69.2, 109.0, and 121.4 g., resp. The crude protein and crude fat content of group 1 was 19.5 and 16.3% of group 2 (18.6% and of group 3 34.0 and 18.4%, resp.). The assimilation rate of nutrients was for groups 1, 2, and 3, resp.: crude protein 70.2, 79.4, 70.2%; and crude fat 64.5, 67.3, 92.0%. A higher fat content in the feed increased protein assimilation significantly. The fat content of the feed was increased for groups 2 and 3 by the addition of processed vegetable oil. 2. The control of protein assimilation in pigs by administering feeds with various fat contents. Pigs in successive periods received diets containing crude fat 2.1, 2.5, 4.6, and 20.0%. The assimilation rate for dry matter was: 82.0, 78.0, 70.1, and 75.2-81.4% for crude protein 70.8, 77.6, 80.4, and 82.2-2.3%, for crude fat 36.5, 57.9, 53.2, and 70.2-84.2%, and for N-free ext. 90.8, 90.2, 87.2, and 79.3-91.4%, resp. The presence of more fat definitely increased protein assimilation. 3. Solubility of sunflower seed cake and extracted sunflower seed meal for the feeding of young pigs. Young pigs weighing 12 kg. were fed sunflower seed cake and extracted sunflower seed meal (group 1), or sunflower seed cake from small milled, coarse, moisture 0.08, crude protein 33.0%, and crude fat 1.53% (group 3), large oil mill, coarse, moisture 10.81, crude protein 31.38, and crude fat 8.03% (group 1), and sunflower seed flour, crude protein 0.08, and crude fat 2.78% (group 2). The feeds from pigs in groups 1, 2, 3, and 4 contained, resp., water 71.20, 68.51, 73.89, 72.62, crude fat 1.95, 2.78, 2.60, 2.75, and crude protein 4.25, 6.00, 4.16, 3.88% against water 76.12-6.47, crude fat 2.39-2.35, and crude protein 4.12-4.24% in the feces of pigs fed on an exclusively barley meal diet. The digestibility rates for groups 1, 2, 3, and 4, resp., were for crude protein 80.50, 77.61, 76.70, 80.43%, for crude fat 63.22, 27.63, 28.70, 53.24%; and for N-free ext. 88.78, 80.17, 91.76, 87.19% as against 76.74-6.79, 86.53-6.90, 80.76-1.30% for the group on a barley meal diet. Latin Finaly

TANGL, H.

"Connection between the nervous system and the endocrine glands." p. 412.  
(Termeszet es Technika, Vol. 112, no. 7, July 1953, Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Uncl

TANGL

A-5

HUNGARY/General Division - Methods and Technique of  
Investigation.

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 11<sup>4</sup>

Author : Tangl H.

Inst :  
Title : The New Protein Substitute: Carbamide.

Orig Pub : Agrartomany, 1955, 7, No 12, 567-568.

Abst : No abstract.

Card 1/1

TANGL, HARALD.

AGRICULTURE

A vitaminok, hormonok es antibiotikumok szerepe az allattenyesztesben.  
A vitaminok, hormonok es antibiotikumok szerepe az allattenyesztesben.  
Budapest, Akademiai Kiado, 1956. 267 p.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3,  
March 1959 Unclass.

COUNTRY : HUNGARY  
CATEGORY : Farm Animals. General Problems  
Q  
ABS. JOUR. : RZBiol., No. 13, 1958, No. 59475  
AUTHOR : Tangl, H.; Mihirad, A.  
INST. :  
TITLE : Changes Occurring During the Process of  
Steaming Feeds  
ORIG. PUB. : Allattenyeszts, 1956, 5, No 4, 289-297  
ABSTRACT : Glucokinins which are formed during the steaming of pelleted corn or barley, as well as in the mixtures of silage, beet chips, and various pelleted grains, were tested by means of a subcutaneous injection of the extract and by feeding steamed fodder to animals. Swine showed a greater appetite, ate a greater amount of the feed, and better repaid the feeding cost. With two-day-long steaming of

CARD:

1/2

Q - 9

Q

Country : HUNGARY  
CATEGORY : Farm Animals. General Problems  
ABS. JOUR. : RZBiol., No. 13, 1958, No. 59475  
AUTHOR :  
INST. :  
TITLE :  
  
ORIG. PUB. :  
ABSTRACT : feeds, a sufficient quantity of glucokinins  
cont'd. is formed.-- V. A. Kanzyuba

CARD: 2/2

TANGL, H.

TANGL, H. Preservation of our papilionaceous fresh fodders, p. 68.

Vol. 8, no. 2, Feb. 1956.

AGRARTUDOMANY.

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

TANGL, H.; FEKETE, Z.

Some questions on the development of agriculture. p. 8 Vol. 11, No. 17  
Sept. 1956. MUSZAKI ELET. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1  
January 1956.

TANGL, H.

Let us breed our heifers in a more economical way. p. 17. (Magyar Mezogazdasag, Vol. 11,  
no. 1, Jan. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

HUNGARY/Human and Animal Physiology. Metabolism. Nutrition.

T-2

Nos Jour: Ref Zhur-Biol., No 12, 1958, 55225.

Author : Tangl, Harald.

Inst :

Title : Quality Evaluation of Protein.

Orig Pub: Agrartudomany, 1957, 9, No 6, 37-40.

Abstract: No abstract.

Card : 1/1

4

TANCL, HARALD.

DIE ROLLE DER VITAMINE, HORMONE UND ANTIBIOTIKA IN DER TIERZUCHT.

Budapest, Akademiai Kiado, 1959. 320 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959

Uncl.

TANGL, Harald, a mezogazdasagi tudomanyok doktora (Budapest)

The role of hormones in animal husbandry. Magy.tud. 66 no.11:583-  
590 N '59. (EEAI 9:4)  
(Hormones) (Animal industry)

TANGL, Harald, dr., a mezogazdasagi tudomanyok doktora, Kossuthdijas Honey. Elet tud 15 no.7:215-216 14 F '60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TANCL, Harald, dr.

Vitamin deficiency in the spring. Elet tud 15 no.14:436-437  
3 Ap '60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

\*

TANGL, Harald, dr.

Pineal body. Elet tud 15 no.46:1447-1449 13 N '60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TANGL, Harald, dr.

On the eve of the general meeting of the delegates of the  
Society. Elovilag 6 no.2:3 Mr-Ap '61.

1. Tudomanyos Ismeretterjeszto Tarsulat Orszagos Biologial  
Valasztmanyanak elnöke; "Elovilag" szerkeszto bizottsagi  
elnöke.

TANGL, Harald, dr., egyetemi tanar

Neuroendocrine mechanism of the adaptation of the organism.  
Elovilag 6 no.2:9-13 Mr-Ap '61.

1. Tudomanyos Ismeretterjeszto Tarsulat Orszagos Biologial  
Valasztmanyanak elnöke; "Elovilag" szerkeszto bizottsagi  
elnöke.

PENZES, László (Budapest, II., Kitaibel Pal u.4); TANGL, Harald, dr., prof.,  
igazgató

N anabolism of the liver of pregnant rats as related to the change  
in some constituents of serum proteins. Biol kozl 9 no.1:87-95 '61.

1. Allattenyésztesi Kutató Intézet, Állatelettani Osztályá.

TANGL, Harald, dr.

Yeast. Elet tud 16 no.6:183-184 5 F '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TANGL, Harald, dr.

Modern animal husbandry. Elet tud 16 no.14:435-437  
2 Ap '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TANGL, Harald, dr.

Thirstiness. Elet tud 16 no.26:820-823 25 Je '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja

TANGL, Harald, dr.

The hormone of the thyroid. Eist tud 16 no. 451427-1429 5 N  
'61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.



TANGL, Harald, dr., egyetemi tanar

Role of antibiotics in biology. Elovilag 7 no.2:27-30 Mr-Ap  
'62.

1. "Elovilag" szerkeszto bizottsagi elnöke.

TANGL, Harald, dr.

Thymus gland. Elet tud 18 no.3:71-73 Ja '63.

1. "Elet es Tudomahy" szerkeszto bizottsagi tagja.

\*

TANGL, Harald, dr.

What does "stress" mean? Elet tud 18 no.11:332-335 17 Mr '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TANGL, Harald, dr.

Life of red blood cells. Elet tud 18 no. 36:1142-1144 8 S '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

POLAND

TANGL, Harald, Prof. Dr., Zootechnical Institute, Budapest  
(Hungary) [Translated by Magister Z. WOLINSKI]

"Mechanism of Action of Antibiotics Administered Per Os."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 3, Mar 63,  
pp 168-173.

Abstract: On the basis of the literature and his own considerable contributions, the author discusses the various ways in which the addition of antibiotics to the diet contributes to the increased weight of animals. The effect is due only in part to increased food consumption, but mostly to the effect of the antibiotic on the microflora of the intestinal tract, on the thickness and permeability of the intestinal walls, and on the intensity of the metabolic processes. All references are in the body of the article.

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16

TANGL, Harald; ADAM, Tamas

Feeding calves with oxytetracycline and its effect on their  
intestine. Allattenyesztes 13 no.2:171-176 Je '64.

1. Division of Animal Physiology and Feeding, Research Institute  
of Animal Breeding, Budapest. 2. Editorial board member,  
"Allattenyesztes" (for Tangl).

TANGL, Harald, dr.

Why have our farm animals become more productive? Klet  
tud 19 no.5:213-215 31 Ja '64.

TANGI, Harold, Jr.

Can forge be produced from yeast and algae? Elekt. v. 19 no. 4:  
2282-2284 27 II '64.

L. Editorial board member, "Elekt. es Tudomany."

TANGL, Harald, dr.

White bread, brown bread. Elet tud 20 no.11:492-494 19 Mr '65.

1. Editorial Board Member, "Elet es Tudomany", Budapest.

HUNGARY

TANCL, Harald, doctor of agricultural sciences, director; Research Institute of Animal Raising (Allattenyesztesi Kutato Intezet).

"The Role of Antibiotics in the Feeding of Our Domestic Animals."

Budapest, Magyar Tudomany, Vol LXXXIII, New Vol XI, No 7-8, Jul-Aug 66,  
pages 459-467.

Abstract: A brief history of the development of antibiotics is followed by mention of the antibiotics (phytocide, phytonide) produced by plants of the higher orders. Some fodders were found to contain antibiotics produced partly by soil bacteria; this explains the at times greatly different biological effect of fodder which is apparently of identical composition. In the latter part of the article, the effect of antibiotics on biological function, changes in the intestinal flora caused by antibiotics, their effect on the intestinal wall and problems in the use of antibiotics are discussed in some detail. No references.

1/1

TANGSOC, L.

Experiences of the Office of Construction Works of the Torva District, which comprises several collective farms.

p. 408 (Sotsialistiklik Pöllumajandus) Vol. 12, no. 9, Sept. 1957, Tallin, Estonia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

ACC NR: AP7002244

SOURCE CODE: UR/0280/66/000/006/0130/0133

AUTHOR: Tani, Kh. I. (Tallin)

ORG: none

TITLE: An algorithm for constructing the three-dimensional description of a body defined by its projections

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 6, 1966, 130-133

TOPIC TAGS: pattern recognition, ~~three dimensional body description~~, <sup>analysis</sup> graphs theory, ~~graph transformation~~

ABSTRACT: The problem of three-dimensional description of a body defined by three projections is analyzed by using an electronic computer. This three-dimensional description of the body is reduced to: 1) Determining from the points of a projection those sets of three which correspond to points of the body in the space; 2) Determining the space coordinates of the points obtained. To solve these two problems, the theory of graphs is applied. It is shown that the components of the points in the space can be determined as the vertices of contours of certain graphs. On the basis of all characteristic points of the body, a formal description of the body is obtained in the form of a graph and the matrix of coordinates of vertices. The problem of realizing the proposed

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UDC: none

ACC NR: AP7002244

algorithm on electronic computers is analyzed. First, bodies whose faces are composed of plane sections are considered; however, it is pointed out that the proposed method can be extended to more complex bodies. It is shown that the algorithm for three-dimensional description of the body can be presented in the form of a scheme of successive transformations of graphs realized by corresponding operators. An analysis of these schemes indicates that the proposed algorithm can be easily realized on electronic computers because of the large number of one-type operations. Some peculiarities and applications of the proposed algorithm to the recognition of other patterns are analyzed. Orig. art. has: 4 figures and 5 formulas.

SUB CODE: 12/ SUBM DATE: 29Nov65/ OTH REF: 001/ ATD PRESS: 5113  
09/

Card 2/2

TANIC, B.

Determining the phytotoxicity of Bordeaux mixture. p. 411.  
(GLASNIK, Vol. 5, No. 7, July 1956 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

COUNTRY : Yugoslavia  
CATEGORY : Plant Diseases. General Problems. C

ABS. JOUR. : Ref Zhar-Biololya, No.4, 1959, No. 15891

AUTHOR : Tancic Bosko

INST. :  
TITLE : Influence of Disinfection of Seeds of Irrigation and Feed Plants on Germination.

ORIG. PUB. : Poljopr. pregl., 1958, 7, No. 3-4, 176-179

ABSTRACT : The effectiveness of agrosan and ceresan on the germination of seeds was tested. Both agents exhibited a positive action on the germination of seeds of alfalfa, orchard grass, timothy, pasture rye grass, and red clover; there was a negative effect on high rye grass, smooth bromegrass, and perennial rye grass. -- Ye. S. Arutyunyan

CARD: 1/1

TANICH, L. V., GAVIN, N. B., BERYBERIAN, G. B., KURKOV, V. I.,  
SHCHERBYT, A. A., TRISON, N. N.

Equipment at present used in pneumosurgery and experimental clinical data on  
the utilization of equipment and instruments of NIIEKhAil .... 34

Noyye khirurgicheskie apparaay i instrumenty i opyt ikh primeneniye (New  
SURGICAL Equipment and Instruments and Experience in Their Use) NO. 1,  
Moscow, 1957. A collection of Papers of the Scientific Research Inst.  
for Experimental Surgical Equipment and Instruments.

NIIEKhAil

GARIN, N.D.; GRITSMAN, Yu.Ya.; TANICH, L.F.

Mechanical ligation of the cystic duct in cholecystectomy [with summary in English]. Eksper. khir. 2 no.6:21-24 N-D '57. (MIRA 11:2)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. - M.G.Anan'yev) Ministerstva zdravookhraneniya SSSR.

(CHOLECYSTECTOMY, appar. & instruments  
tantalum-staple stitcher for mechanical ligation of cystic  
duct (Bus))

L 11436-67 EWT(1)/FCC GW/GD  
ACC NR: AT6021020

SOURCE CODE: UR/0000/65/000/000/0096/0100

AUTHOR: Pudovkin, I. M.; Pavlov, V. S.; Reshetov, B. P.; Ryazantsev, G. A.;  
Tanichev, A. A.

ORG: none

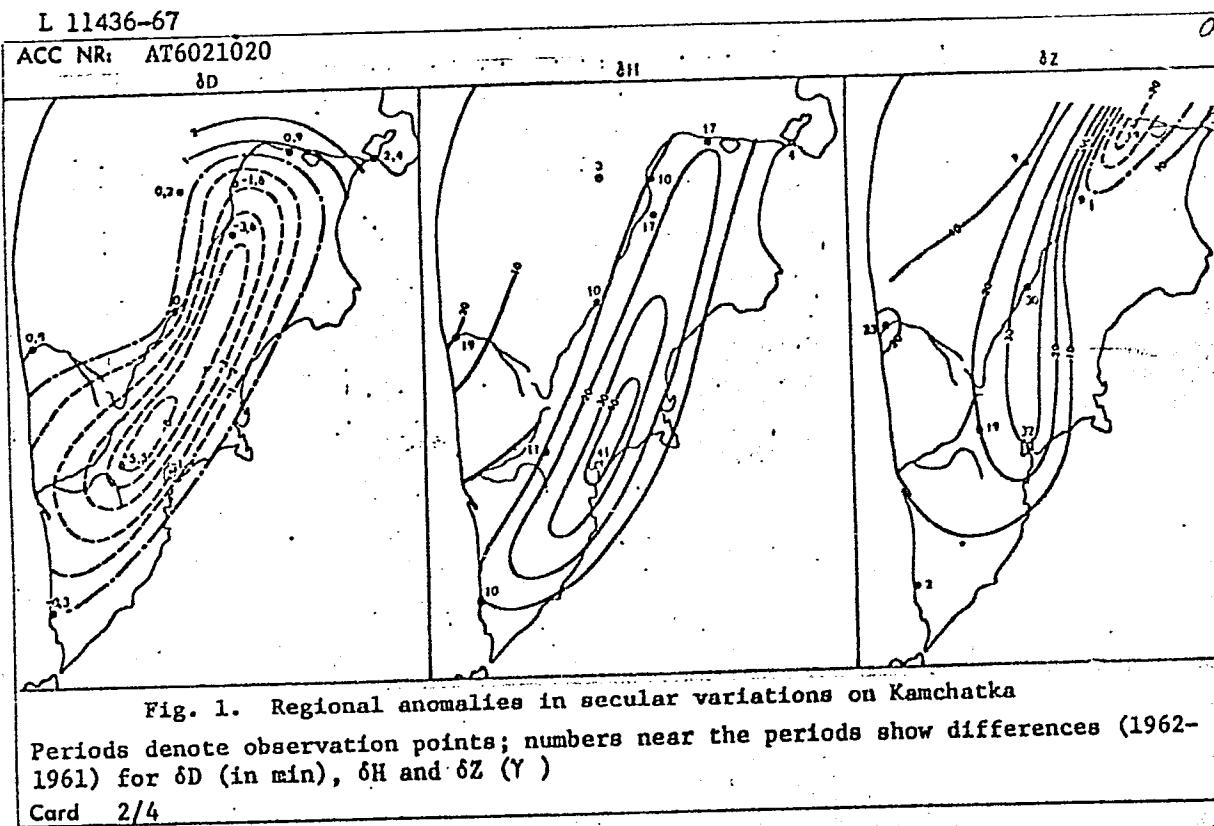
TITLE: Some results of observations of secular variations in the geomagnetic  
elements of Kamchatka

SOURCE: AN SSSR. Institut fiziki Zemli. Nastoyashcheye i proshloye magnitnogo polya  
Zemli (The present and past of the earth's magnetic field). Moscow, Izd-vo Nauka,  
1965, 96-100

TOPIC TAGS: geomagnetic field, geomagnetic drift, secular variation

ABSTRACT: Local and regional characteristics of secular variations in the geomagnetic field on Kamchatka were studied experimentally in 1961 and 1962. Regional differences in the average annual values of D, H, and Z are shown in Fig. 1. From these differences isopores are constructed. The variations ranged for  $\delta D$  from -5.5 to + 2.4; for  $\delta H$  from 3 to  $41\gamma$ ; and for  $\delta Z$  from -19 to + 22 $\gamma$ . The quantity D was measured with an accuracy of  $\pm 1'$ , H with  $\pm 5\gamma$ , and Z with  $\pm 13\gamma$ . All three elements ( $\delta D$ ,  $\delta H$ ,  $\delta Z$ ) clearly show the zonal structure of secular variations which agrees with the general orientation of the basic tectonic structure of Kamchatka. Local anomalies are illustrated in Fig. 2. According to these results, a complex morphological

Card 1/4



L 11436-67  
ACC NR: AT6021020

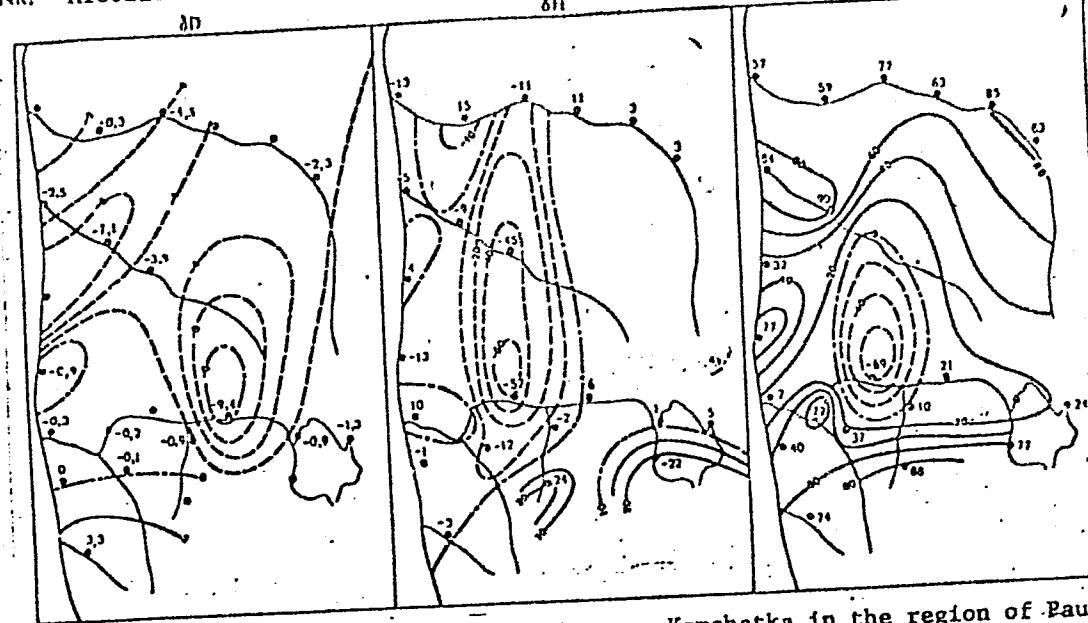


Fig. 2. Local anomalies in secular variations on Kamchatka in the region of Pauzhetka.  
Periods denote observation points and differences (1962-1961) for  $\delta D$  (in min),  $\delta H$  and  
 $\delta Z$  (in Y)  
Card 3/4

L 11436-67

ACC NR: AT6021020

structure of secular variations exists on Kamchatka. Both local and regional anomalies are present. Further studies into the anomalous character of secular variations by magnetodynamic methods are recommended. Orig. art. has: 2 figures.

SUB CODE: 08/ SUBM DATE: 21Sep65

Card

4/4

*lm*

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6

TANIGHEV, I.N.

Analysis of nonlinear resonant systems. Radiotekhn. i elektron. 10  
no.10:1961-1962 0 '65. (MTRA 18:10)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6"

TANICHEV, I.N.

*Analysis of nonlinear systems with great perturbation and fading. Radiotekh. i elektron. 11 no. 2:337-339 F '66  
(MIRA 19:2)*

1. Submitted May 10, 1965.

L 29210-66 EWT(1)

ACC NR: AP6008282

SOURCE CODE: UR/0109/66/011/003/0456/0464

AUTHOR: Molchanov, A. A.; Tanichev, I. N.

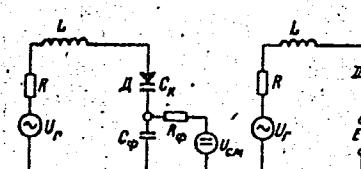
ORG: none

23  
BTITLE: Forced oscillations in nonlinear circuits with controlled p-n-junction capacitance

SOURCE: Radiotekhnika i elektronika, v. 11, no. 3, 1966, 456-464

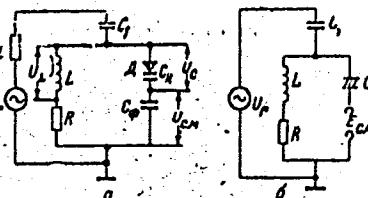
TOPIC TAGS: pn junction, pn junction capacitor, semiconductor capacitor

ABSTRACT: Nonlinear series and series-parallel circuits (see figure) with controlled p-n-junction capacitance are simplified and described by second-order differential equations. The equations are solved by the Bôgolyubov-Mitropol'skiy method, and



Physical

Equivalent

Series circuit with controlled  
p-n-junction capacitance

Physical

Equivalent

Series-parallel circuit with  
controlled p-n-junction capacitance

Card 1/2

UDC: 538.565.8

L 29210-66

ACC NR: AP6008282

O  
approximate formulas are obtained for the stationary characteristics of the circuits. A theoretical amplitude-frequency characteristic of the series circuit is shown and is corroborated to some extent by an oscillogram. The formulas permit investigating resonance phenomena, particularly the fundamental and subharmonic resonances. The results hold true only for small-signal conditions. Orig. art. has: 5 figures and 31 formulas.

SUB CODE: 09 / SUBM DATE: 07Dec64 / ORIG REF: 007

Card 2/2 CC

TANICHEVA, I.K. (Krasnoyarsk 14, Instrumental'naya ul., d. 8. kv. 69)

Changes in the qualitative composition of erythrocytes in fractures.  
Ortop., travm. i protez. 27 no. 1:37-41 Ja '66 (MIRA 19:1)

1. Iz kliniki obshchey khirurgii ( zav. - dotsent G. Ye. Irkho)  
Krasnoyarskogo meditsinskogo instituta (rektor - dotsent  
P.G. Podzolkov). Submitted May 11, 1965.

TANICHEVA, O.N.

Annealing of cast LP18 steel. Metalloved. i term. obr. met. no.9:  
36-38 S '64. (MIRA 17:11)

1. Altayskiy traktorny zavod.

TANIEW, Georgii, [Taniev, Georgi], dypl. inz.

New method and apparatus for industrial research on the  
drilling and blasting properties of mining charges.  
Przegl techn 85 no.35:4 30 Ag '64.

TANIEWSKA-OSINSKA, STEFANIA

Distr: 4E4j/4E3c/4E3c

✓Investigation of reaction kinetics by means of a dynamic calorimeter<sup>7</sup> Stefania Taniewska-Osińska, Zygmunt Kozłowski (Univ. Łódź, Poland). *Zeszyty Nauk. Univ. Łódz.* Ser. II, No. 2, 101-6 (1948) (French summary).—The dynamic microcalorimeter of Świętosławski (cf. S. and Salcewicz, *Rocznik Chem.* 14, 621 (1934)) and Łukiewski and Sugier (*C.A.* 49, 14453e) is suitable for investigating the heat effect and kinetics of chem. reaction. The principle consists in math. analysis of the cooling curves, temp.  $T$  vs. time  $t$ , of isothermal calorimeter. The observed curve,  $T = f(t)$  can be transformed into one corresponding to adiabatic conditions by the equation  $g(t) = f(t) + \beta f'(t)dt$ , where  $\beta = r^{-1}/\ln 2$  is a const., and  $g(t)$  is the generated heat effect. In a calorimeter with  $\beta$  138 min., and heat capacity about 510 cal./degree, contg. 500 ml. 1.010  $N$  HCl, several g. AcOMe was hydrolyzed. Galvanometer readings within 14-16 hrs. were recorded, to give  $g(t)$ ; hence, the rate const. was found. Extrapolation of  $g(t)$  to  $t = 0$  gave the total heat of reaction and mixing, and from the asymptote the heat of mixing could be found.  
J. Stecki

4700  
THORS:  
FILE:  
PERIODICAL: Societas Scientiarum Lodziensis Acta Chimica, 1959, Vol 4,  
pp 17 - 28  
TEXT:  
electromotive force of galvanic cells in nonaqueous solutions, they do not  
present full numerical data, as they were not carried out systematically  
enough. Standard electrode potentials of alkali metals in methanol are  
known only for Li and Na.  
kind. Reversible potential of K in methanol, using an electrode chosen was the stand-  
ard electrode potential of K in methanol, as the aim of this work was to measure the third  
Hg<sup>2+</sup>/Hg, Hg<sup>2+</sup>/SO<sub>4</sub><sup>2-</sup>, KBr, CH<sub>3</sub>OH.  
salts composed of ions: Li<sup>+</sup>, Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, Br<sup>-</sup>, J<sup>-</sup> solution chosen was: Hg/  
compared to be a linear one. From these equations. The electrode chosen was: Hg/  
solution and normal potentials of rubidium and cesium obtained, free energies was  
approximately estimated. Normal and molal entropies for salts investigated ap-  
Card 1/2

FOR RELEASE: 07/13/2001 CIA-RDP86-

P/02/59/004/03/02/4  
82238

P/02/59/004/03/02/4  
82238  
Univalent Ions in Methanol

4700  
THORS:

P/012/59/004/03/02/020

82238

TITLE:

Jakuszewski, B.; Taniewska-Osińska, S.

PERIODICAL:

Solution Energies and Entropies of Univalent Ions in Methanol  
Societas Scientiarum Lodziensis Acta Chimica, 1959, Vol 4,  
pp 17 - 28

TEXT:

Although numerous works have been devoted to the study of the electromotive force of galvanic cells in nonaqueous solutions, they do not present full numerical data, as they were not carried out systematically enough. Standard electrode potentials of alkali metals in methanol are known only for Li and Na. The aim of this work was to measure the standard electrode potential of K in methanol, using an electrode of the third kind, reversible in relation to  $K^+$  ions. The electrode chosen was: Hg/  
 $Hg_2SO_4/K_2SO_4/KBr, CH_3OH$ . Sums of free energies of solution in methanol for salts composed of ions:  $Li^+$ ,  $Na^+$ ,  $K^+$ ,  $Cl^-$ ,  $Br^-$ ,  $J^-$  were calculated and compared with corresponding hydration energies. The relation obtained was found to be a linear one. From these equations obtained, free energies of solution and normal potentials of rubidium and cesium in methanol were approximately estimated. Normal and molal entropies for salts investigated

Card 1/2

P/012/59/004/03/02/020

Solution Energies and Entropies of Univalent Ions in Methanol

82238

in methanol were calculated and their linear relation to the entropy in water was established. Absolute entropies of ions in methanol were calculated as well. Referring to Pleskov's assumption that free energy Cs ion solution in various solvents are equal, normal potentials of hydrogen electrode in methanol and in water were compared. The difference between them was found to be -0.03 v. There are 6 tables, 4 figures and 14 references; 8 English, 4 Soviet, 1 German and 1 Polish.

ASSOCIATION: Katedra Chemii Fizycznej Uniwersytetu w Łodzi (Lodz University,  
Department of Physical Chemistry) in Lodz.

PRESENTED: January 16, 1959

Card 2/2

TANIEWSKA-OSTINSKA

Distr: 4E3d

Solvation energies and entropies of univalent ions in methanol. B. Jakuszewski and S. Taniewska-Osińska (Univ. Łódź, Poland). *Zes. Towarz. Nauk., Wydział I.I.I.*, No. 4, 17-28 (1960) (in English).—The e.m.f. of the galvanic cell  $Hg|HgSO_4, K_2SO_4|KBr, MeOH|Hg_2Br_2|Hg$  is measured at 25°. Hence, the normal potential of K in MeOH is calcd. as -2.915 v., in good agreement with Bräuer and Streliow (*Z. physik. Chem.* 17, No. 5-6, 346 (1958)). The free energies of solvation in MeOH for Li, Na, and K halides are calcd. A linear relation between these values and the free energies of hydration of these salts is stated. Hence the approx. free energies of solvation of Rb and Cs and the normal potentials of these metals in MeOH are found. A similar linear relation is stated between the molar entropies of alkali halides in MeOH and in H<sub>2</sub>O, as well as between the abs. molar entropies of the separate ions in these solvents. E. Józefowicz

5  
Review (u)  
JA)(NC)(mrg)

TANIEWSKA - OSINSKA, S.

JAKUSZEWSKI, B.  
SURNAME (in case), Given Name  
Country: Poland  
Academic Degrees: Not stated  
Affiliation: Department of Physical Chemistry, Łódź University  
(Zakład Chemii Fizycznej, Uniwersytet Łódzki)  
Source: Warsaw, Bulletin de l'Académie Polonaise des  
Sciences, Série des Sciences Chimiques, Vol 9,  
No 3, Mar 61, pp 127-132.  
Data: "Thermochanical Properties of Electrolytes in  
Methanol Solutions. I."  
Co-authors:  
 TANIEWSKA-OSIŃSKA, S., Academic degrees not stated, Department  
of Physical Chemistry, Łódź University (Zakład Chemii  
Fizycznej, Uniwersytet Łódzki)  
 LOUVINENKO, R., Academic degrees not stated, Department of  
Physical Chemistry, Łódź University (Zakład Chemii  
Fizycznej, Uniwersytet Łódzki).

Taniewska-Osincka, S.

STICKY

JAKUSZEWSKI, B. ✓  
SUKIENIE (in caps); Given Name

Country: Poland  
Academic Degrees: Not stated  
Affiliation: Department of Physical Chemistry, Łódź University  
(Zakład Chemii Fizycznej, Uniwersytet Łódzki)  
Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences,  
Série des Sciences Chimiques, Vol 9, No 3, Mar 61,  
pp 133-136.  
Data: "Thermochanical Properties of Electrolytes in  
Methanol Solutions. II."

Co-author:  
/-TANIEWSKA-OSINKA, S. Academic degrees not stated,  
Department of Physical Chemistry, Łódź University  
(Zakład Chemii Fizycznej, Uniwersytet Łódzki).

JAKUSZEWSKI, Bogdan; TANIEWSKA-OSINSKA, Stefina

Normal potential of magnesium in methanol. Nauki matem przyrod  
Lodz no.10:195-200 '61

1. Department of Physical Chemistry, University, Lodz.

JAKUSZEWSKI, B.; TANIEWSKA-OSINSKA, S.

Thermodynamic properties of electrolytes in ethanol solutions.  
Acta chim 8:11-20 '62.

1. Department of Physical Chemistry, University, Lodz. Presented  
by B. Jakuszewski.

JAKUSZEWSKI, Bogdan; TANIEWSKA-OSINSKA, Stefania

Standard electrode potentials of alkaline earth in methanol.  
Rocznik chemii 36 no.2:329-334 '62.

1. Department of Physical Chemistry, University, Lodz.

TANIEWSKI, J.

Heredity and constitution in otolaryngology in relation to new  
genetics. Polski tygod. lek. 7 no. 39:1197-1201 29 Sept 1952.  
(CLML 23:5)

1. Of the Otolaryngological Clinic (Head--Prof. J. Taniewski, M.D.)  
of Szczecin Maritime Medical Academy.

TANIEWSKI, Jozef.

Abuse of morphine in otolaryngology. Otolar. polska 8 no.3:215-  
218 1954.

(OTORHINOLARYNGOLOGY,

otorhinolaryngol. dis., ther., morphine, abuse)

(MORPHINE, therapeutic use,

otorhinolaryngol. dis., abuse)

TANIEWSKI, Jozef.

Irritability and inhibition of the organ of equilibrium.  
Otolar. polska 9 no.3:259-262 1955.

1. Z Kliniki Otolaryngologicznej P.A. M. w Szczecinie.  
(VESTIBULAR APPARATUS, physiology.  
irritability & inhib.)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6

Medita Sec 11 Vol 9/3 O.R.L. Mar 56  
340. TANIEWSKI J. Wygnanckiego 59, Szczecin. \*Polipy nosa a próchnica zębów.  
Nasal polyps and dental caries WIAD. LEK. 1955, 8/4 (161-163)  
The aetiological significance of dental caries in nasal polyposis is stressed. Oral sanitation should be included in the treatment of nasal polyposis. Prujansky - Tel-Aviv

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001754820017-6"

Sec 11 Vol 9/4 O.R.L. Apr 56

655. TANIEWSKI J. Klin. otolaryngol. P.A.M. w Szczecinie. "Badania doswiadczałne nad działaniem CS: na narządz stuchu i równowagi. Experimental investigations on the influence of Cs: on the organ of hearing and equilibrium OTOLARYNG. POL. 1955, 9/2 (95-96) Illus. 4

Experimental investigations on guinea-pigs have been performed in spinning mills in order to observe the influence of carbon disulphide vapours on animals. The guinea-pigs died within 1-4 weeks and the histological examinations of the labyrinth did not show any remarkable changes. Extensive degenerations of the brain substance have been found.

Biber - Delaware, O.

TANIEWSKI, Jozef

Tissue therapy following radical surgery of the middle ear.  
Otolar. polska 10 no.3-4:243-245 1956.

1. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie Kierownik:  
prof. dr. J. Taniewski, Szczecin, Wyspianskiego 39.  
(EAR, MIDDLE, surgery,  
radical, postop. tissue ther. (Pol))  
(TISSUE THERAPY,  
postop. in radical surg. of middle ear (Pol))

EXCERPTA MEDICA SEC 11 Vol. 10/1 O. R. L. Jan 57

1. TANIEWSKI J. Ul. Wyspiańskiego 39, Szczecin. \*Rola układu wegetatywnego w fizjologii i patologii uszu, nosa i gardła. Role of the neurovegetative system in the physiology and pathology of ears, nose and pharynx POL. TYG. LEK. 1956, 11/23 (1044-1048)

In the beginning of the paper the general organization, physiology and pathology of the vegetative system are discussed. Then the author describes the vegetative regulation of functions of the ears, nose and pharynx. Various pathological processes from the field of otolaryngology, in which the disorders of the above-mentioned system appear, are enumerated. Finally the treatment of vegetative disorders is discussed.

EXCERPTA MEDICA Sed.11 Vol.10/8 Oto-Rhino-Laryngo Aug 57  
TANIEWSKI J.

1506. TANIEWSKI J. Klin. Otolaryngol. P.A.M., Szczecin. \*Pobudliwość błędnika w przewickłym zapaleniu ucha środkowego. Excitability of the labyrinth in chronic otitis media OTOLARYNG. POL. 1957, 11/1 (27-33) Graphs 4

The examination of the organ of equilibrium - especially the rotatory test - during chronic otitis media shows a decrease of excitability of the labyrinth. It happens as well in epi- as in mesotympanic lesions. After the radical operation in a great majority of cases the excitability of the organ of equilibrium is decreased. In intratympanic otitis media the excitability of the organ of equilibrium is usually normal. The impairment of hearing in the cases, when the excitability of the labyrinth is impaired, arises not only from the impairment of conduction, but of perception as well.

EXCERPTA MEDICA Sec.11 Vol.10/8 Oto-Rhino-Laryngo Aug 57  
TANIEWSKI J.

1549. TANIEWSKI J. Klin. Otolaryngol. P.A.M., Szczecin. \*O stosowaniu pantothenu w niezycie zanikowym nosa. On the pantothen application in the atrophic catarrh of the nose POL. TYG. LEK. 1957, 12/9 (321-322)

In view of an advantageous action of pantothen on the capillary vessels and the trophic condition of the skin and mucosa, this vitamin has been applied in atrophic catarrh of the nose. It was tried in 28 cases by smearing the nasal mucosa with calcium pantothenicum solution 0.1 g. per dose. It was found that pantothen has a satisfactory influence, especially in ordinary nasal catarrh, removing the ischaemia of the mucosa and leading to a better functioning of the endocrine glands.

TANIEWSKI, J.  
TANIEWSKI, Józef; SKONIECZNY, Leszek

Audiometry during a radical operation of the middle ear. Otolar. polska  
11 no.4:343-350 1957.

1. Z Kliniki Otolaryngologicznej P. A. M. w Szczecinie. Kierownik:  
prof. J. Taniewski.

(HEARING TESTS,

audiometry in surg. of middle ear (Pol))

(EAR, MIDDLE, surg.

perop. & postop. audiometry (Pol))

*TANIEWSKI*  
EXCERPTA MEDICA Sec. 11 Vol. 11/7 O.R.L. July 58

1190. A SUTURE FIXING THE DORSUM OF THE NOSE - Szew ustalający grzbiet nosa - Taniewski J. Klin. Otolaryngol. P.A.M., Szczecin - OTOLARYNG. POL. 1957, 11/3 (243-245) Illus. 3

In the breaking of the nasal dorsum with its translocation along the antero-posterior axis there is a difficulty in keeping up the fixed fragments in the appropriate position. The author uses a mattress suture, at the base of the nose. The suture remains in situ for 12 days. It secures the nose against falling in. This suture proved to be useful also in some plastic operations of the nose.

TANIEWSKI, Jozef (Szczecin, ul. Wyspianskiego 39.)

Cholesteatoma of middle ear in children. Pediat. polska 33 no.8:949-952  
Aug 58.

1. Z Kliniki Otolaryngologicznej Pomorskiej A. M. w Szczecinie Kierownik:  
prof. dr med. J. Taniewski.

(EAR, MIDDLE, cysts  
cholesteatoma in child. (Pol))  
(CHOLESTEATOMA, in inf. & child  
middle ear (Pol))

EXCERPTA MEDICA Sec 11 Vol 12/5 O.R.I. May 59

1036. CHOLESTEATOMA OF THE MIDDLE-EAR IN CHILDHOOD - O perlaku ucha środkowego w wieku dziecięcym - Taniewski J. Klin. Otolaryngol. Pomorskiej A.M., Szczecin - PEDIAT.POL. 1958, 33/8 (939-952)  
Cholesteatoma of the middle ear may be met with also in children. At the Otolaryngological Clinic of the Medical Academy in Szczecin 22 cases of cholesteatoma were observed in children up to 10 yr. of age. The youngest child was 14 months old. The pathogenesis of cholesteatoma in children, the diagnosis and treatment are discussed. It is emphasized that sometimes a cholesteatoma may develop after antrotomy performed in a child due to acute otitis media.

TANIEWSKI, Jozef

Modified antrotomy. Cesk. otolar. 8 no.4:208-210 Aug 59.

l. Otolaryngologicka klinika P.A.M. ve Stetine, prednosta prof. dr.  
Taniewski.  
(EAR, MIDDLE, surg.)

TANIEWSKI, Jozef

On degeneration of the cornea and labyrinth of non-syphilitic origin.  
Otolar.polska 13 no.3/4:587-593.'59.

1. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie. Kierownik:  
prof.dr J. Taniewski i z Kliniki Okulistycznej P.A.M. w Szczecinie  
Kierownik: prof.dr W. Starkiewicz.  
(CORNEA dis.)  
(LABYRINTH dis.)

TANIEWSKI, Jozef

On the treatment of recurrent mastoiditis. Otolaryngologia 14  
no.1:51-54 '60.

1. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie, Kierownik:  
prof. dr med. J. Taniewski.  
(MASTOIDITIS ther.)

FAMILIAR, JOHN  
SOURCE (in caps); Given Names

Country: Poland

Academic Degrees: Prof dr

Director, Ear, Nose, and Throat Clinic, Pomeranian School  
Affiliation: Medicine (Pomorska Akademia Medyczna), Szczecin

Source: Warsaw, Przeglad Lekarski, No 4, 1961, pp 162-165.

Data: "On Sudden Deafness."

TANIEWSKI, Jozef; PIASECKA, Alina; SLIWINSKA, Halina

Clinical aspects of prolonged paranasal sinusitis in children.  
Otolaryngol polska 15 no.1:47-53 '61.

1. Z Kliniki Otolaryngologicznej PAM w Szczecinie Kierownik: prof.  
dr J. Taniewski i z Centralnego Laboratorium P.S.K. w Szczecinie  
Kierownik: dr H. Sliwinska.

(SINUSITIS in inf & child)

TANIEWSKI, Jozef; KUGLER, Ryssard; WYSOCKI, Zbigniew

Polish language audiometry. Otolaryngologia polska 15 no.2:131-145 '61.

I. Z Kliniki Otolaryngologicznej P.A.M. w Szczecinie Kierownik:  
prof. dr med. J. Taniewski  
(AUDIOLOGY)

TANIEWSKI, Jozef

Hemorrhage from the aorta caused by a foreign body retained in the esophagus. Otolaryngologia polska 15 no.3:367-371 '61.

1. Z Kliniki Otolaryngologicznej PAM w Szczecinie Kierownik: prof. dr med. J. Taniewski.

(ESOPHAGUS for bodies) (SELF MUTILATION)  
(AORTA wds & inj)